

# Biological Effects of Lunar Dust

## Workshop

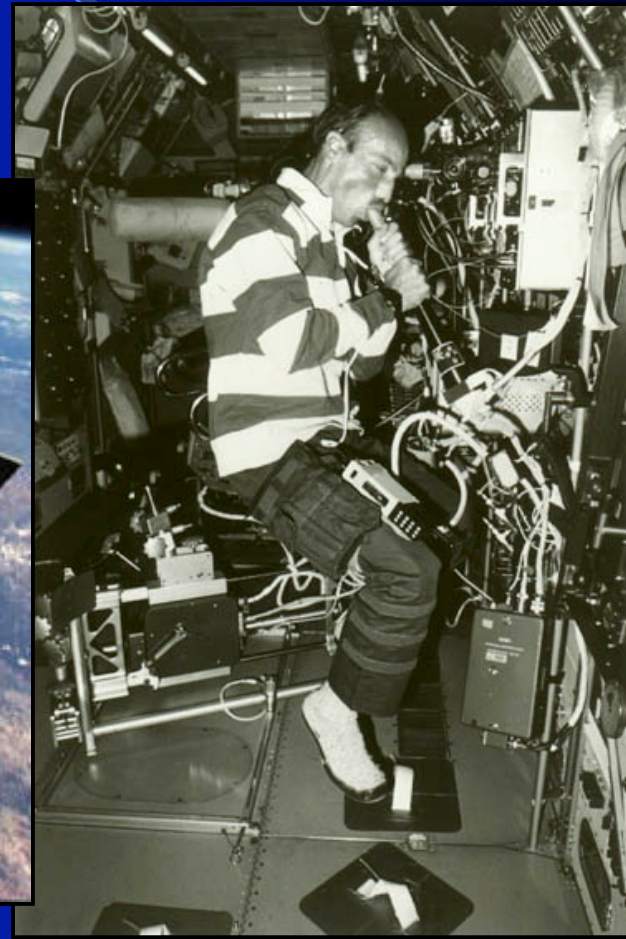
Co-Chairmen

Russell Kerschmann, M.D.  
Chief, Division of Life Sciences  
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Chief Toxicologist  
Johnson Space Center

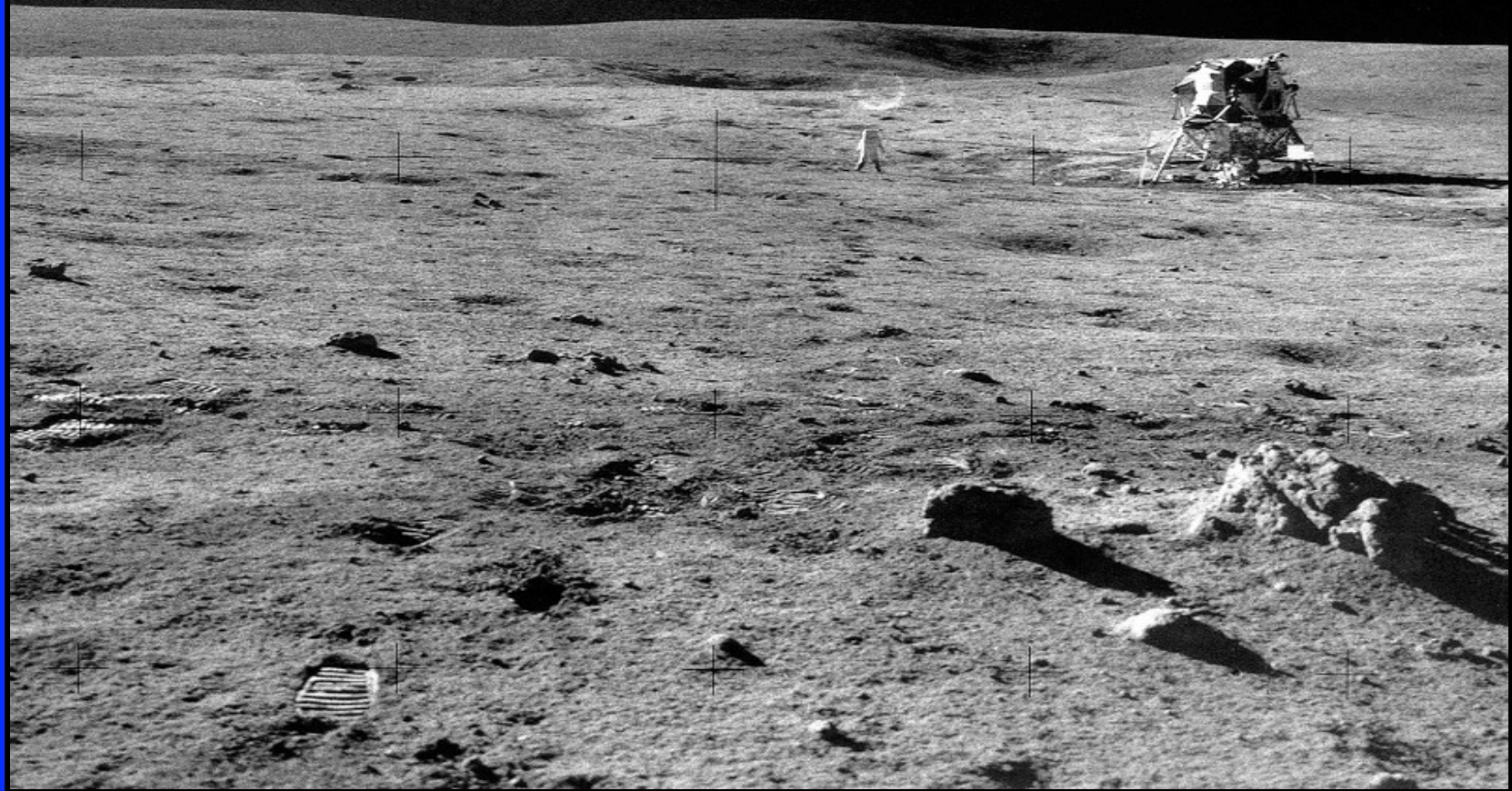
# Pulmonary Function in LEO

The gas exchange function of the human lung adapts well to fractional gravity.

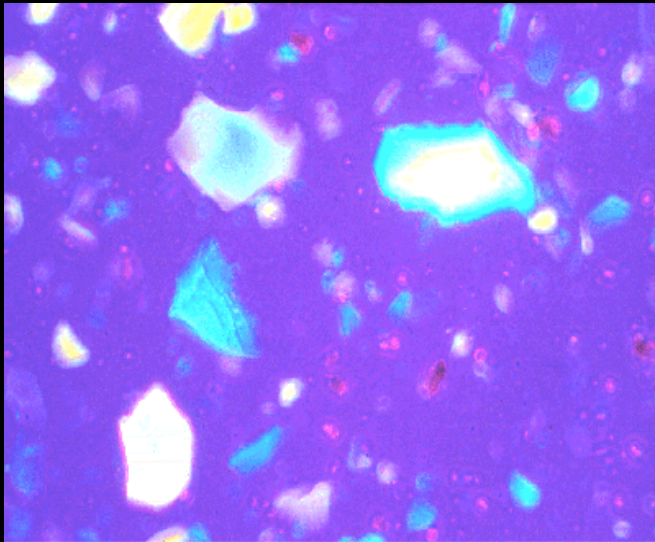




But: Pulmonary Particle Handling Function  
& In Situ Pathophysiologic Responses:  
**Unknown Territory**







# Agenda

- Tuesday
  - Introduction and charge to the workshop
  - The Apollo experience
  - Focus on lunar mineralogy & simulants
  - Biological factors, mainly pulmonary
  - ALS and EVA considerations
- Wednesday
  - Resources
  - Breakout groups
- Thursday
  - Follow-up Breakout
  - Report out
  - Adjourn